

Amendments to the Claims:

Please delete claims 1-14 and add the following new claims:

1.-14. (Canceled)

15. (New) A method for producing a chlorinated hydrocarbon compound represented by general formula (2):



(where n is an integer of 1 to 12; m and k each represent an integer of 0 to 25; j is an integer of 1 to 10; R¹ represents an atom selected from the group consisting of chlorine, bromine, iodine, oxygen, nitrogen, sulfur, and phosphorus, and R¹ may be the same or different when m is 2 or more; a j-valent group represented by C_nR¹_mH_k has no tertiary carbon-hydrogen bond; and R² and R³ each represent a saturated aliphatic hydrocarbon group containing 1 to 5 carbon atoms or a saturated aliphatic hydrocarbon group containing 1 to 5 carbon atoms having hydrogen atoms partially substituted with halogen atoms, and R² and R³ have no tertiary carbon-hydrogen bond), the method comprising: allowing a compound represented by general formula (1):



(where m, n, k, j, R¹, R², and R³ are the same as above) to react in the presence of aqueous hydrochloric acid; separating an organic layer by oil-water separation; and bringing the separated organic layer into contact with a hydrogen chloride gas.

16. (New) The method for producing a chlorinated hydrocarbon compound according to Claim 15, wherein the compound represented by general formula (2) is produced from the compound represented by general formula (1) in the presence of an organic solvent and aqueous hydrochloric

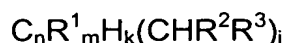
acid.

17. (New) The method for producing a chlorinated hydrocarbon compound according to Claim 16, wherein the organic solvent for producing the chlorinated hydrocarbon compound represented by general formula (2) from the compound represented by general formula (1) is a saturated hydrocarbon solvent, an aromatic hydrocarbon solvent, or a halogenated organic solvent.

18. (New) The method for producing a chlorinated hydrocarbon compound according to Claim 16, wherein the organic solvent for producing the chlorinated hydrocarbon compound represented by general formula (2) from the compound represented by general formula (1) is at least one solvent selected from the group consisting of pentane, cyclopentane, neopentane, hexane, cyclohexane, heptane, methylcyclohexane, octane, norbornene, ethylcyclohexane, benzene, toluene, xylene, ethylbenzene, butyl chloride, and ethyl chloride.

19. (New) The method according to Claim 15, wherein the compound represented by general formula (1) is an aromatic hydrocarbon containing a 2-hydroxy-2-propyl substituent.

20. (New) A method for producing a chlorinated hydrocarbon compound represented by general formula (2), comprising: allowing a compound represented by general formula (3):



(where m, n, k, j, R^1 , R^2 , and R^3 are the same as above) to react with an aqueous solution of a metal hypochlorite and a protonic acid to form a chlorinated hydrocarbon compound represented by general formula (2),

mixing the compound with an aqueous alkaline solution to form a compound represented by general formula (1), subjecting the resulting mixture to solid-liquid separation,; and allowing the compound in the resulting solid to react in the presence of aqueous hydrochloric acid to form a chlorinated hydrocarbon compound represented by general formula (2)



21. (New) The method for producing a chlorinated hydrocarbon compound according to Claim 20, wherein the compound represented by general formula (2) is produced from the compound represented by general formula (1) in the presence of an organic solvent and aqueous hydrochloric acid.

22. (New) The method according to Claim 20, wherein the compound represented by general formula (1) is an aromatic hydrocarbon containing a 2-hydroxy-2-propyl substituent.

23. (New) The method according to Claim 20, wherein the metal hypochlorite is selected from the group consisting of potassium hypochlorite, sodium hypochlorite, calcium hypochlorite, barium hypochlorite, copper hypochlorite, and copper(II) hypochlorite.

24. (New) The method according to Claim 20, wherein the protonic acid is selected from the group consisting of hydrochloric acid, sulfuric acid, and acetic acid.

25. (New) The method according to Claim 20, wherein the aqueous alkaline solution is an aqueous solution of sodium hydroxide or potassium

hydroxide.

26. (New) The method according to Claim 20, wherein a halogenated organic solvent is used for producing the compound represented by general formula (2) from the compound represented by general formula (3).

27. (New) The method according to Claim 26, wherein the halogenated organic solvent used for producing the compound represented by general formula (2) from the compound represented by general formula (3) is a halogenated organic solvent selected from the group consisting of monochlorobenzene, dichlorobenzene, trichlorobenzene, ethyl chloride, ethylene dichloride, carbon tetrachloride, chloroform, methylene chloride, 1-trichloro-2-trifluoroethane, and trifluoromethylbenzene.

28. (New) The method according to Claim 20, wherein an aromatic hydrocarbon or aliphatic hydrocarbon organic solvent is used in the step of mixing the aqueous alkaline solution to produce the compound represented by general formula (1) and then performing separation by filtration, and also used for washing the resulting solid.

29. (New) The method according to Claim 28, wherein the aromatic hydrocarbon or aliphatic hydrocarbon organic solvent used in the step of mixing the aqueous alkaline solution to produce the compound represented by general formula (1) and then performing separation by filtration is a solvent selected from the group consisting of pentane, cyclopentane, hexane, cyclohexane, heptane, benzene, toluene, and xylene.

30. (New) The method for producing a chlorinated hydrocarbon

compound according to Claim 21, wherein the organic solvent for producing the chlorinated hydrocarbon compound represented by general formula (2) from the compound represented by general formula (1) is a saturated hydrocarbon solvent, an aromatic hydrocarbon solvent, or a halogenated organic solvent.

31. (New) The method for producing a chlorinated hydrocarbon compound according to Claim 30, wherein the organic solvent for producing the chlorinated hydrocarbon compound represented by general formula (2) from the compound represented by general formula (1) is at least one solvent selected from the group consisting of pentane, cyclopentane, neopentane, hexane, cyclohexane, heptane, methylcyclohexane, octane, norbornene, ethylcyclohexane, benzene, toluene, xylene, ethylbenzene, butyl chloride, and ethyl chloride.

32. (New) The method according to Claim 20, wherein the compound represented by general formula (1) is an aromatic hydrocarbon containing a 2-hydroxy-2-propyl substituent.

33. (New) The method for producing a chlorinated hydrocarbon compound according to Claim 20, further comprising: separating an organic layer by oil-water separation and bringing the separated organic layer into contact with a hydrogen chloride gas.